

U.S. Department of Commerce, Patent and Trademark Office				Atty Docket No.		Application No.	
				M-2338-3C US		08/977,846	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Applicant #45			
(Use several sheets if necessary)				John O. Ryan			
				Filing Date		Group	
				25 November 1997		2161	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT
 AUG 29 2002
 PATENT & TRADEMARK OFFICE

U.S. Patent Documents							
*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
TH	AA	3,718,906	02/27/73	Lightner			
TH	AB	4,498,170	02/05/85	Noguchi et al.			
TH	AC	4,528,643	07/09/85	Freeny, Jr.			
TH	AD	4,660,193	04/21/87	Young et al.			
TH	AE	4,688,246	08/18/87	Eilers et al.			
TH	AF	4,723,285	02/02/88	Le Roy et al.			
TH	AG	4,744,080	05/10/88	Brennand et al.			
TH	AH	5,023,934	06/11/91	Wheless			
TH	AI	5,070,404	12/03/91	Bullock et al.			
TH	AJ	5,119,507	06/02/92	Mankovitz			
TH	AK	5,133,081	07/21/92	Mayo			
TH	AL	5,179,576	01/12/93	Hopkins et al.			
TH	AM	5,262,875	11/16/93	Mincer et al.			
TH	AN	5,283,780	02/01/94	Schuchman et al.			
TH	AO	5,355,302	10/11/94	Martin et al.			
TH	AP	5,390,214	02/14/95	Hopkins et al.			
TH	AQ	5,404,567	04/04/95	DePietro et al.			
TH	AR	5,408,686	04/18/95	Mankovitz			
TH	AS	5,444,768	08/22/95	Lemaire et al.			
TH	AT	5,455,823	10/03/95	Noreen et al.			
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)							
	AU	/					
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Examiner <u>Thomas A. [Signature]</u>		Date Considered <u>1/30/04</u>					
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with your communication to applicant.							

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 AUG 29 2002
 PATENT & TRADEMARK

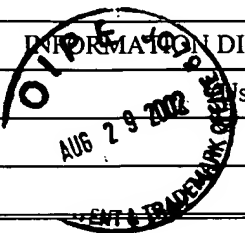
U.S. Patent Documents							
*Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate	
D	AA	5,465,396	Hunsinger et al.				
D	AB	5,526,284	Mankovitz				
A	AC	5,557,541	Schulhof et al.				
D	AD	5,572,442	Schulhof et al.				
D	AE	5,629,867	Goldman				
A	AE	5,781,889	Martin et al.				
D	AG	5,581,576	Lanzetta et al.				
D	AH	5,912,917	Engelbrecht et al.				
D	AI	5,999,934	Cohen et al.				
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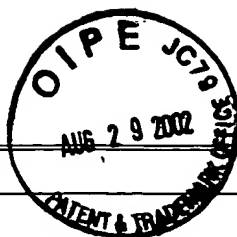
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OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)		
	AU	
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Examiner <i>Thomas A</i>	Date Considered <i>1/30/04</i>
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 INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)				Applicant # 46			
John O. Ryan				Filing Date		Group	
				25 November 1997		2161	
U.S. Patent Documents							
*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
A	AA	4,379,947	04/12/83	Warner			
A	AB	4,682,370	07/21/87	Matthews			
A	AC	4,694,491	09/15/87	Horne et al.			
A	AD	4,706,121	11/10/87	Young			
A	AE	4,739,510	04/19/88	Jeffers et al.			
A	AF	4,742,516	05/03/88	Yamaguchi			
A	AG	4,855,827	08/08/89	Best			
A	AH	4,887,296	12/12/89	Horne			
A	AI	4,887,308	12/12/89	Dutton			
A	AJ	4,908,859	03/13/90	Bennett et al.			
A	AK	4,914,517	04/03/90	Duffield			
A	AL	4,963,995	10/16/90	Lang			
A	AM	5,020,143	05/28/91	Duckeck et al.			
A	AN	5,030,948	07/09/91	Rush			
A	AO	5,046,090	09/03/91	Walker et al.			
A	AP	5,046,092	09/03/91	Walker et al.			
A	AQ	5,054,064	10/01/91	Walker et al.			
A	AR	5,063,610	11/05/91	Alwadish			
A	AS	5,065,452	11/12/91	Duckeck et al.			
A	AT	5,093,718	03/03/92	Hoarty et al.			
A	AU	5,127,303	07/07/92	Tsumura et al.			
A	AV	5,132,992	07/21/92	Yurt et al.			
A	AW	5,134,719	07/28/92	Mankovitz			
A	AX	5,152,003	09/29/92	Poch			
A	AY	5,191,410	03/02/93	McCalley et al.			
Examiner Thomas A. [Signature]			Date Considered 1/30/04				
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with your communication to applicant.							



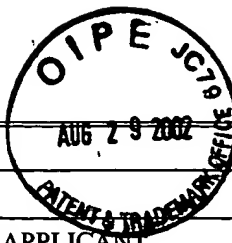
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U.S. Patent Documents

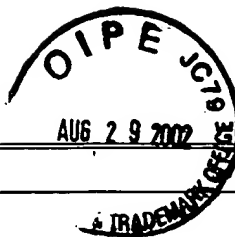
*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
A	AA	5,192,999	03/09/93	Graczyk et al.			
A	AB	5,193,214	03/09/93	Mardus et al.			
A	AC	5,214,792	05/25/93	Alwadish			
A	AD	5,220,420	06/15/93	Hoarty et al.			
A	AE	5,239,540	08/24/93	Rovira et al.			
A	AF	5,241,428	08/31/93	Goldwasser et al.			
A	AG	5,253,275	10/12/93	Yurt et al.			
A	AH	5,276,909	01/04/94	Milner et al.			
A	AI	5,371,551	12/06/94	Logan et al.			
A	AJ	5,379,454	01/03/95	Takegawa et al.			
A	AK	5,393,713	02/28/95	Schwob			
A	AL	5,465,403	11/07/95	Owaki			
A	AM	5,471,662	11/28/95	Shiota			
A	AN	5,491,838	02/13/96	Takahisa et al.			
A	AO	5,537,674	07/16/96	Kishimoto et al.			
A	AP	5,555,446	09/10/96	Jasinski			
A	AQ	5,561,849	10/01/96	Mankovitz			
A	AR	5,579,055	11/26/96	Hamilton et al.			
A	AS	5,703,795	12/30/97	Mankovitz			
A	AY	5,732,338	03/24/98	Schwob			
A	AU	5,790,198	08/04/98	Roop et al.			
A	AV	5,812,937	09/22/98	Takahisa et al.			
A	AW	6,055,244	08/25/00	Wall, Jr. et al.			
A	AX	6,185,532 B1	02/06/01	Lemaire et al.			
A	AY	RE 36,801	08/01/00	Logan et al.			
A	AZ	RE 37,131 E	04/10/01	Mankovitz			

Examiner Thom A Da Date Considered 1/30/04

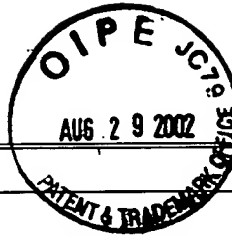
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						Filing Date		Group	
						25 November 1997		2161	
Foreign Patent Documents									
								Translation	
		Document	Date	Country	Class	Subclass	Yes	No	
D	AA	36 23 925 A1	01/21/88	DE			X		
D	AB	41 42 605 A1	10/15/92	DE			X		
D	AC	42 22 777 A1	01/21/93	DE			X		
D	AD	0 200 310 A2	11/05/86	EP					
D	AE	0 491 068 A1	06/24/92	EP					
D	AF	2 264 409 A	08/25/93	GB					
D	AG	92 000 6064 B1	07/27/92	KR			X		
D	AH	5-298373	11/12/93	JP			X		
D	AI	WO 86/01063	02/13/86	WIPO					
D	AJ	WO 91/06912	05/16/91	WIPO					
	AK								
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)									
D	AL	R.D. Kaltenborn et al., "IBM - ITN Desktop News Service", <u>International Broadcasting Convention</u> , 16-20 September 1994, pp. 509-514.							
D	AM	J.J. Livy, "Radio Data Services in UK Independent Local Radio", <u>International Broadcasting Convention</u> , 23-27 September 1988, pp. 316-317.							
D	AN	B. Marks, "Radio Data Systems (RDS) - The Planning and Implentation of a New Broadcast Service (Using High Reliability Systems)", <u>International Broadcasting Convention</u> , 23-27 September 1994, pp. 308-310.							
D	AO	Daniel Sutorius et al., "Applications And Design Options For An In-Home Cable TV Digital Consumer Terminal", <u>1993 NCTA Technical Papers</u> , June 6-9, 1993, pp 47-51.							
D	AP	Lawrence A. Rowe et al., "A Continuous Media Player", <u>Network and Operating System Support for Digital Audio and Video, Third International Workshop</u> , November 12-13, 1992, pp. 376-386.							
D	AQ	Sanjil Park et al., "A Digital AM Radio With CQUAM Stereo", <u>Olando GLOBECOM '92, IEEE Global Telecommunications Conference</u> , December 6-9, 1992, pp 457-461.							
D	AR	Andrew Lippman et al., "News and Movies in the 50 Megabit Living Room", <u>IEEE/IEICE Global Telecommunications Conference, Conference Record Vol. 3</u> , November 15-18, 1987, Tokyo Japan, pp. 1976-1981.							
Examiner		Thomas A. De		Date Considered 11/30/04					
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)		Applicant John O. Ryan	
		Filing Date 25 November 1997	Group 2161
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)			
<i>D</i>	AA	T. Chujo et al., "Personal Communication Terminals For ISDN", <u>IEEE/IEICE Global Telecommunications Conference, Conference Record Vol. 2</u> , November 15-18, 1987, Tokyo Japan, pp. 726-730.	
<i>D</i>	AB	Winston Hodge et al., "Video On Demand: Architecture, Systems, and Applications", <u>SMPTE Journal Vol. 102, No. 9</u> , September 1993, pp. 791-803.	
<i>D</i>	AC	N.K. Lodge et al., "Helping Blind People To Watch Television - The Audetel Project", <u>International Broadcasting Convention</u> , 3-7 July 1992, pp. 86-91.	
<i>D</i>	AD	David J. Alwadish et al., "Couponradio: Profit Potential Of RBDS", <u>NAB 1993 Broadcast Engineering Conference Proceedings</u> , April 18-22, 1993, pp 398-411.	
<i>D</i>	AE	J. Chaplin et al., "Satellite sound broadcasting direct to portable and vehicle receivers", <u>Telecommunications Journal - Vol. 52</u> , January 1985, pp 16-21.	
<i>D</i>	AF	Guy M. Stephens, "The Changing Face Of Audio", <u>Satellite Communications</u> , September 1990, pp 16-18.	
<i>D</i>	AG	Kathy Eckel, "The Sound Of Muzak", <u>Satellite Communications</u> , November 1989, pp 63 passim.	
<i>D</i>	AH	Gary K. Noreen et al., "The RADIOSAT SM System", <u>NAB 1991 Broadcast Engineering Conference Proceedings</u> , 1991, pp 424-431.	
<i>D</i>	AI	M. Saunders, "The Radio Data System", <u>Vehicle Audio Systems - IEE Professional Group CI2 and E14 Colloquium Papers</u> , December 1991, paper 6.	
<i>D</i>	AJ	P. Shelswell et al. "Digital Audio Broadcasting", <u>Vehicle Audio Systems - IEE Professional Group CI2 and E14 Colloquium Papers</u> , December 1991, paper 8.	
<i>D</i>	AK	Advertisement for "1985 Tech Almanac", source unknown.	
<i>D</i>	AL	Bill Killion, "Specifying ad insertion equipment", <u>Communications Technology</u> , August 1985, pp 53-62.	
<i>D</i>	AM	Advertisement for AD Systems, Incorporated part no. CBB-1 color billboard, source and date unknown.	
<i>D</i>	AN	John M. Lucassen et al., "MIT/LCS/TR-353: Boston Community Information System User Manual (Version 6.0)", <u>Massachusetts Institute of Technology</u> , 1985, pp 1-43.	
Examiner <i>Thomas A. De</i>		Date Considered <i>1/30/04</i>	
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U.S. Department of Commerce, Patent and Trademark Office		Atty Docket No.	Application No.
		M-2338-3C US	08/977,846
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Applicant	
(Use several sheets if necessary)		John O. Ryan	
		Filing Date	Group
		25 November 1997	2161
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)			
Ⓟ	AA	David K. Gifford et al., "MIT/LCS/TR-422: Boston Community Information System 1987-1988 Experimental Test Results", <u>Massachusetts Institute of Technology</u> , 1988, pp 2-7.	
Ⓟ	AB	Robert G. Cote, "An Automatic News Article Editor", <u>Thesis submitted to Department of Electrical Engineering And Computer Science</u> , (Massachusetts Institute of Technology) May 16, 1987, pp. 2-12.	
Ⓟ	AC	David K. Gifford et al., "MIT/LCS/TR-398: Clipping Service User's Manual (Version 1.2)", <u>Massachusetts Institute of Technology</u> , 1987, pp 1-21.	
Ⓟ	AD	David K. Gifford et al., "MIT/LCS/TR-399: Walter User's Manual (Version 1.0)", <u>Massachusetts Institute of Technology</u> , September 1987, pp 1-15.	
Ⓟ	AE	Roland J. Boucher, Jr., "Disk-based spot playback systems", <u>Broadcast Engineering</u> , April 1994, pp 49-51.	
Ⓟ	AF	A.F. Beaucent et al., "Microstation System for Corporate Data Networks", <u>Electrical Communication</u> , 1988, 7 pp.	
Ⓟ	AG	Peter L. Mothersole, "Evolution of the domestic receiver - future trends", in <u>Television</u> , (Royal Television Society, June 25, 1987).	
Ⓟ	AH	Phillip Kurz, "SCA Technology Update", <u>Broadcast Engineering</u> , October 1989, pp. 77-80.	
Ⓟ	AI	Jerry Whitaker, "Digital storage is closer than you think", <u>Broadcast Engineering</u> , May 1985, pp. 109-114.	
Ⓟ	AJ	Electronic Industries Association, <u>EIA STANDARD EIA-516</u> , May 1988.	
Ⓟ	AK	Mahesh Balakrishnan et al., "An MPEG Standard Based Video Compression System and Applications", <u>1992 NCTA Technical Papers</u> , 1992, pp. 264-272.	
Ⓟ	AL	John Tydeman et al., <u>Teletext And Videotex In The United States</u> , 1982, pp. 157-163.	
Ⓟ	AM	Yoshiharu Morihiro et al., "A New Car Radio With Recording And Playback Functions", <u>IEEE Transactions On Consumer Electronics</u> , August 1986, pp 509-515, Vol. CE-32, No. 3	
Ⓟ	AN	M. Klank, "Receiver For Digital Sound Broadcasting Service Satellite DSR", <u>Proceedings: 7TH International Conference on Digital Satellite Communications</u> , May 12-16, 1986, pp 57-61.	
Examiner <u>Thomas A. DO</u>		Date Considered <u>1/30/04</u>	
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			M-2338-3C US	08/977,846
INFORMATION DISCLOSURE STATEMENT BY APPLICANT			Applicant	
(Use several sheets if necessary)			John O. Ryan	
			Filing Date	Group
			25 November 1997	2161
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)				
AA	James Green et al., "Delivering Digital Audio", <u>1989 NCTA Technical Papers</u> , May 21-24, 1989, pp. 97-103.			
AB	Harrick M. Vin et al., "Designing a Multisuser HDTV Storage Server", <u>IEEE Journal on Selected Areas in Communications</u> , January 1993, pp 153-164, Vol. 11, No. 1.			
AC	J. Wendorf et al., "Fast Digital Data Channels Enable New Cable Services", <u>1992 NCTA Technical Papers</u> , 1992, pp 173-178.			
AD	Edwin M. Gunn, Jr., "Understanding The Installation Requirements Of The CD-X Digital Audio System", <u>1992 NCTA Technical Papers</u> , May 3-6, 1992, pp. 159-164.			
AE	Walter S. Ciciora, "Consumer Electronics Friendly Cable", <u>1992 NCTA Technical Papers</u> , May 3-6, 1992, pp. 179-190.			
AF	H.H. Fromm et al., "Data broadcasting within a satellite television channel", in <u>VSATs: Very Small Aperture Terminals</u> , (John Everett ed., 1992), pp 265-275.			
AG	E.J. Wilson, "The European Broadcasting Union's Programme Delivery Control System", <u>International Broadcasting Convention</u> , 21-25 September 1990, pp. 261-265.			
AH	Peter D. Hallenbeck, "Personal Home TV Programming Guide", (source unknown - footer reads "CH2871-2/90/0000-0310" copyright 1990 IEEE), pp. 310-311.			
AI				
AJ				
AK				
AL				
AM				
AN				
Examiner <i>Thom A De</i>		Date Considered <i>1/30/04</i>		
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with your communication to applicant.				

Form PTO-1449

INFORMATION DISCLOSURE CITATION
IN AN APPLICATION

(Use several sheets if necessary)

Docket Number 549222000101

Application Number 08/977,846

Applicant John O. RYAN

#34

Filing Date November 25, 1997

Group Art Unit 3629

Mailing Date May 14, 2003

U.S. PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Name	Class	Subclass	Filing Date If Appropriate

FOREIGN PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Country	Class	Subclass	Translation YES NO
<i>D</i>	1.	1/14/1992	DE 42 01 031 A1	Germany			X
<i>D</i>	2.	3/18/1992	0 188 364 B1	Europe			

OTHER DOCUMENTS

(including author, title, Date, Pertinent Pages, Etc.)

Examiner Initials	Ref. No.	Title
<i>D</i>	3.	"Video-Programm-System (VPS)," Nr. 8 R 2, Technische Richtlinie ARD/ZDF, Herausgegeben vom, Institut für Rundfunktechnik. 4 Dec 1984 with translation.

EXAMINER: *Thomas A. De*1 DATE CONSIDERED: *1/30/04*

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MAY 20 2003

OFFICE OF PETITIONS

received 7/29/03

Form PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION <i>(Use several sheets if necessary)</i>	Docket Number 54922200101	Application Number 08/977,846
	Applicant John O. RYAN # 49	
	Filing Date November 25, 1997	Group Art Unit 3629
	Mailing Date July __, 2003	

U.S. PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Name	Class	Subclass	Filing Date If Appropriate

FOREIGN PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Country	Class	Subclass	Translation YES NO	
D	1.	8/14/1985	2153188A	Great Britain				
D	2.	1/22/1992	2246273A	Great Britain				
D	3.	8/5/1985	60 148290 A	Japan			Abstract	
D	4.	1/24/1992	04 021288 A	Japan			Abstract	
D	5.	1/24/1992	04 021289 A	Japan			Abstract	

OTHER DOCUMENTS

(including author, title, Date, Pertinent Pages, Etc.)

Examiner Initials	Ref. No.	Title

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AUG 04 2003
GROUP 3600

EXAMINER: <u>Thomas A. D.</u>	1DATE CONSIDERED: <u>1/30/04</u>
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Form PTO-1449

Docket Number 549222000101

Application Number 08/977,846

Applicant

John O. RYAN

47

Filing Date November 25, 1997

Group Art Unit 3629

Mailing Date August 13, 2003

INFORMATION DISCLOSURE CITATION
IN AN APPLICATION

(Use several sheets if necessary)

U.S. PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Name	Class	Subclass	Filing Date If Appropriate
<i>D</i>	1.	04/06/1982	4,323,921	Guillou	—	—	
<i>D</i>	2.	04/19/1988	4,739,510	Jeffers et al.	—	—	
<i>D</i>	3.	05/03/1988	4,742,516	Yamaguchi	—	—	
<i>D</i>	4.	10/16/1990	4,963,995	Lang	—	—	
<i>D</i>	5.	03/03/1992	5,093,718	Hoarty et al.	—	—	
<i>D</i>	6.	10/15/1991	5,057,932	Lang	—	—	
<i>D</i>	7.	07/21/1992	5,132,992	Yurt et al.	—	—	
<i>D</i>	8.	11/17/1992	5,164,839	Lang	—	—	
<i>D</i>	9.	12/06/1994	5,371,551	Logan et al.	—	—	
<i>D</i>	10.	05/11/1999	5,903,454	Hoffberg et al.	—	—	
<i>D</i>	11.	08/01/2000	Re. 36,801	Logan et al.	—	—	

FOREIGN PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Country	Class	Subclass	Translation YES NO
	12.	01/22/1992	GB 2 246 273	Great Britain		<i>dup paper 34</i>	
<i>D</i>	13.	01/27/1993	GB 2 258 102	Great Britain			
<i>D</i>	14.	02/09/1990	JP 02041091	Japan			Abstract
<i>D</i>	15.	08/06/1993	JP 05199525	Japan			Abstract
<i>D</i>	16.	07/23/1992	WO 92/12599	WIPO			

OTHER DOCUMENTS

(including author, title, Date, Pertinent Pages, Etc.)

Examiner Initials	Ref. No.	Title
<i>D</i>	17.	Adobe Systems, Inc. (1991). Adobe Premier User Guide (Part of <i>Spigot and Sound Bundle for Macintosh.</i>) 7 pages (Table of Contents Only.)
<i>D</i>	18.	Anonymous (1985). "The Highs and Lows of Nielsen Homevideo Index," <i>Marketing & Media Decisions</i> 2 pages total.

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Sheet 2 of 3

Form PTO-1449

AUG 22 2003

Docket Number 549222000101

Application Number 08/977,846

INFORMATION DISCLOSURE CITATION
IN AN APPLICATION

AUG 14 2003

(Use several sheets if necessary)

Applicant

John O. RYAN

Filing Date November 25, 1997

Group Art Unit 3629

Mailing Date August 13, 2003

<input checked="" type="checkbox"/>	19.	Anonymous (1989). "VCR's: A Look at the Top of the Line," <i>Consumer Reports</i> , pp. 167-170.
<input checked="" type="checkbox"/>	20.	Atkinson, T. (Date Unknown). "VCR Programming: Making Life Easier Using Bar Codes." Source Unknown.
<input checked="" type="checkbox"/>	21.	Bassak, G. (1981). "Low Data Rate Yields Lifelike Voice," <i>Electronics</i> 2 pages total.
<input checked="" type="checkbox"/>	22.	Bensch, U. et al. (1988). "VPV-Videotext Programs Videorecorder," <i>IEEE Transactions on Consumer Electronics</i> 34(3):788-792.
<input checked="" type="checkbox"/>	23.	Christopher, A. (1989). "Tuning In To Hypersound," <i>Macintosh News</i> 34 10:1-3.
<input checked="" type="checkbox"/>	24.	Date, C.J. (1981). <u>An Introduction to Database Systems</u> Third Edition, Addison-Wesley Publishing Company: Reading, MA Vol. 1 pp. xxi-xxviii (Table of Contents Only.)
<input checked="" type="checkbox"/>	25.	Farallon Computing Inc. (1987). "MacRecorder Sound System for Macintosh Computer," <i>MacRecorder User's Guide: The Sound System for the Macintosh</i> pp. i - v. (Table of Contents Only.)
<input checked="" type="checkbox"/>	26.	FCC (1986). "Multichannel Television Sound Transmission and Audio Processing Requirements for the BTSC System," <i>Federal Communications Commission, Office of Engineering and Technology OET Bulletin No. 60, Revision A</i> . 17 pages total.
<input checked="" type="checkbox"/>	27.	Hallenback, P.D. and Hallenback, J.J. (1990). "Personal Home TV Programming Guide," <i>IEEE FAM-20.3</i> :310-311.
<input checked="" type="checkbox"/>	28.	Hoffberg, L. I. (1991). "Designing User Interface Guidelines for Time-Shift Programming on a Video Cassette Recorder (VCR)," <i>Proceedings of the Human Factors Society 35th Annual Meeting</i> , pp. 501-504.
<input checked="" type="checkbox"/>	29.	Lee, E. and MacGregor, J. (1985). "Minimizing User Search Time in Menu Retrieval Systems," <i>Human Factors</i> 27(2):157-162.
<input checked="" type="checkbox"/>	30.	Macromind-Paracomp, Inc. (1990). <i>MacRecorder Sound System Pro User Guide</i> (Part of <i>Spigot and Sound Bundle for Macintosh</i> .) 5 pages (Table of Contents Only.)
<input checked="" type="checkbox"/>	31.	Macromind-Paracomp, Inc. (1991). <i>SoundEdit Pro User Guide</i> (Part of <i>Spigot and Sound Bundle for Macintosh</i> .) 8 pages (Table of Contents Only.)
<input checked="" type="checkbox"/>	32.	Pellerin, D. (1992). "Conditional Access System for Digital TV: The Eurocrypt Standard," <i>1992 NCTA Technical Papers</i> pp. 388-393.
<input checked="" type="checkbox"/>	33.	Pugh, J. (1992). "VideoSpigot Review," <i>TidBITS</i> 120(20):1-9.
<input checked="" type="checkbox"/>	34.	Said, C. (1992). "Supermac Offers Audio/Video Bundle. (Supermac Technology Inc., Spigot & Sound Graphics Board and Spigot & Sound Pro Graphics Board,) " <i>MacWeek</i> 3:1-2.
<input checked="" type="checkbox"/>	35.	Supermac (1992). <i>VideoSpigot NuBus User's Manual, Supermac</i> (Part of <i>Spigot and Sound Bundle for Macintosh</i> .) 9 pages (Table of Contents Only.)
<input checked="" type="checkbox"/>	36.	Tydemann, J. et al. (1982). <i>Teletext and Videotex in the United States</i> Data Communications Book Series, McGraw-Hill Publications Co.: New York, NY pp. vii-ix (Table of Contents Only.)
<input checked="" type="checkbox"/>	37.	Wendorf, J. and Strubbe, H. (1992). "Fast Digital Data Channels Enable New Cable Services," <i>1992 NCTA Technical Papers</i> pp.173-178.

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Form PTO-1449		Docket Number 549222000101	Application Number 08/977,846
<p>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</p> <p>(Use several sheets if necessary)</p>		Applicant	
		John O. RYAN	
		Filing Date November 25, 1997	Group Art Unit 3629
		Mailing Date August 13, 2003	

<input checked="" type="checkbox"/>	38.	Yoshida, J. (1991). "Company Seeks Japanese Support For Digitally-Compressed Delivery Service: EMC Pushes Video Rental by Satellite," <i>Electronic Engineering Times</i> 670:1-4.
<input checked="" type="checkbox"/>	39.	Ziesel, G. et al. "An Interactive Menu-Driven Remote Control Unit for TV-Receivers and VC-Recorders," <i>IEEE Transactions on Consumer Electronics</i> 34(3):814-818.
<input checked="" type="checkbox"/>	40.	Sony Electronic Inc.'s Final Invalidity Contentions, dated May 27, 2003, 55 pages

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